openreach

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Issue 1.3

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Suppliers' Information Note

For The Openreach Network

Protocol Implementation Conformance Statements (PICS) for ISDN 2e and ISDN 30e: Digital Select Services - Malicious Call Identification

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1. Introduction

This document states the capabilities and options of the DSS1 Layer 3 protocol for Malicious Call Identification (MCID) Digital Select Service on the basic and primary rate access interface which has been implemented in the ISDN 2e and ISDN 30e network respectively.

The ETSI protocol specification used as a basis for this PICS proforma is ETS 300 130-1 [1].

The ETSI PICS proforma used as a basis for this PICS is ETS 300 130-2 [2].

Openreach will withdraw BT ISDN 2e and ISDN 30e Digital Select Services by end of January 2027 in line with the closure of the BT UK PSTN.

2. References

1	ETS 300 130-1 (1992)	Integrated Services Digital Network (ISDN); Malicious Call Identification (MCID) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification
2	ETS 300 064-2 (1995)	Integrated Services Digital Network (ISDN); Malicious Call Identification (MCID) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

For further information or copies of referenced sources, please see document sources at https://www.openreach.co.uk/orpg/home/helpandsupport/sins/sins.do

3. Protocol Implemenation Conformance Statement (PICS)

Using the relevant standard (see ref. 2), the PICS is given below. The section and table numbering as used in the ETSI standard has been maintained. Only those parts of the standard relevant to the network implementation are given. For guideance on the abbreviations and meaning of the completed PICS tables, see SIN 370, Part A.

Unless stated otherwise, the standard referred to in the **reference** column is the ETS given in reference 1. For glossary of terms used, see the referenced standards [1, 2].

A.4 Identification of the protocol

This PICS proforma applies to the following standard:
ETS 300 130-1 (1992): "Integrated Services Digital Network (ISDN); Malicious Call Identification (MCID) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

NOTE: ETS 300 130-1 (1992) was initially published as ETS 300 130 (1992).

A.5 Global statement of conformance

The implementation described in this PICS meets all the mandatory requirements of the referenced standard?

[✓] **Yes**

[ ] **No**

NOTE: Answering "No" to this question indicates non-conformance to the protocol specification. Non-supported mandatory capabilities are to be identified in the PICS, with an explanation of why the implementation is non-conforming. Explanations may be entered in the comments field at the bottom of each table or on attached pages.

In the tabulations which follow, all references are to EN 300 130-1 [1] unless another numbered reference is explicitly indicated.

A.6 Roles

Table A.1: Roles

Item	Major role: Does the implementation...	Conditions for status	Status	Reference	Support
	Type of implementation				
R 1	not used				
R 2.1	support user requirements?		O.1	9, 10	[ ]Yes [✓]No
R 2.2	support network requirements?		O.1	9, 10	[✓]Yes [ ]No
R 3	not used (note)				
R 4.1	support user requirements at the interface of the served user?	R 2.1 NOT R 2.1	M N/A	9, 10	[ ]Yes [ ]No [✓]N/A
R 4.2	support user requirements at the interface of the remote user?		N/A		N/A
R 4.3	support network requirements at the interface of the served user?	R 2.2 NOT R 2.2	M N/A	9, 10	[✓]Yes [ ]No [ ]N/A
R 4.4	support network requirements at the interface of the remote user?		N/A		N/A
O.1	Support of one and only one of these options is required.				
NOTE:	EN 300 130-1 [1] provides identical requirements for the T reference point and for the coincident S and T reference point. Therefore, this PICS proforma makes no distinction between the different reference points.				
Comments:					

A.7 User

The tables provided in this clause need only to be completed for user implementations, where item R 2.1 in table A.1 is supported.

A.8 Network

The tables provided in this clause need only to be completed for network implementations, where item R 2.2 in table A.1 is supported.

A.8.1 Major capabilities

Table A.5: Major capabilities - network

Item	Major capability: Does the implementation support...	Conditions for status	Status	Reference	Support
MC 2	the procedures for handling a MCID request?		M	9.2.1	[✓]Yes [ ]No
MC 3	the inclusion of the response to the MCID request in a RELEASE COMPLETE message?		O	9.2.2	[ ]Yes [ ]No *Note 1*
Comments: *Note 1: Dependent on switch implementation.*					

A.8.2 Subsidiary capabilities

No items requiring response.

A.8.3 Protocol data units

No items requiring response.

A.8.4 Protocol data unit parameters

Table A.6: Facility information element components transmitted by the network

Item	Facility information element components: Does the implementation support...	Conditions for status	Status	Reference	Support
P 3.1	the MCIDRequest return result?		M	7	[✓]Yes [ ]No
P 3.2	the MCIDRequest return error?		M	7	[✓]Yes [ ]No
Comments:					

Table A.7: Facility information element components received by the network

Item	Facility information element components: Does the implementation support...	Conditions for status	Status	Reference	Support
P 4	the MCIDRequest invoke?		M	7	[✓]Yes [ ]No
Comments:					

A.8.5 Timers

No items requiring response.

A.8.6 Call states

No items requiring response.

4. History

Issue 1	Date	First Issue
Issue 1.1	June 2014	Change SINet site references from http://www.sinet.bt.com to http://www.btplc.com/sinet/
Issue 1.2	August 2020	Changes to branding, from BT to Openreach including changes to reflect new Openreach SIN site and Openreach SIN email address.
Issue 1.2	August 2021	Annual Review – no changes required – issue remains unchanged.
Issue 1.2	August 2022	Annual Review – branding and font changes only – issue remains unchanged.
Issue 1.2	August 2023	Annual Review – branding and font changes only – issue remains unchanged.
Issue 1.3	August 2025	Withdrawal notification added to introduction section.